

ABSTRACT

Disclosed is a polyether polyurethane comprising  
(A) at least one polyisocyanate having two or more iso-  
cyanate groups, which is selected from the group con-  
sisting of an aromatic polyisocyanate and an aliphatic  
polyisocyanate; (B) a polyoxytetramethylene glycol  
(PTMG) having a number average molecular weight of from  
500 to 4,000, a molecular weight distribution (Mw/Mn)  
of 1.75 or less, and a content of high molecular weight  
PTMG molecules of 10 % by weight or less; and (C) at  
least one chain extender selected from the group con-  
sisting of a C<sub>2</sub>-C<sub>10</sub> polyol having two or more hydroxyl  
groups and a C<sub>2</sub>-C<sub>10</sub> polyamine having two or more amino  
groups. Also disclosed is a urethane prepolymer which  
comprises the above-mentioned components (A) and (B)  
and which has terminal isocyanate groups.